



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3121-23
Job Sheet 215463



Part No: D3121-23

Job Qty: 50 pcs

Part Name: Bearing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/13/20

Job Tracking No:

Due Date: 12/23/20

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG REV E IPP A: 04.02.19 New Issue KJ/DS IPP Rev:B ECN 1060 07-11-12 DD verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	50 pcs	12/23/20		0.00	0.00	Purchasing - 1		NOV 17 2020
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	50 pcs	12/23/20		0.00	0.00	Packaging 2 - 1 - B4B		NOV 17 2020
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Container No: S313555



Part: D3121-23

Job No: 215463

Serial No/Batch: S313555

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/17/20

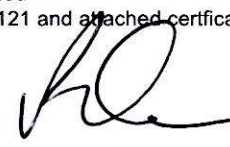
Plex 11/13/20 2:58 PM Dart.Renwick.Jennifer

					B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					Packaging 2 - 37 - B4B	
120	QC 6	50 pcs	12/23/20	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	NOV 18 2020 DAS 40 9-89
					QC 6 - 81	
					QC 6 - 82	
130	Packaging 3-1 - Stock - B4B	50 pcs	12/23/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	DAS 28 9-89
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	NOV 18 2020
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 -	

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				B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140 QC 21 - SA	50 pcs	12/23/20	0.00 0.00	QC 21 - SA - 21	DAS 21 NOV 18 2020
				QC 21 - SA - 70	9-89
				QC 21 - SA - 9	
				QC 21 - SA - 77	
				QC 21 - SA - 28	

Part Op **100** - Purchasing - Issue P/O: HBO47645 Bearing as per Dwg D3121 Possible Supplier: SKF P/N: 61900-2Z or KML
 Descriptions: P/N: 6900-ZZ
110 - Receive & Inspect for Damage & Mat'l Certs - Ensure Material Release Note is attached
120 - QC6- All purchased or subcontracted products -vInspect diimensions as per Dwg D3121 and attached certification Dwg Rev _____
130 - Identify as per dwg & Stock Location: _____
140 - QC21- Final Inspection - Work Order Release

x SO 

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
6900ZZ	Bearing D3121-23	50 pcs (1 ea)	100-Purchasing	5313554

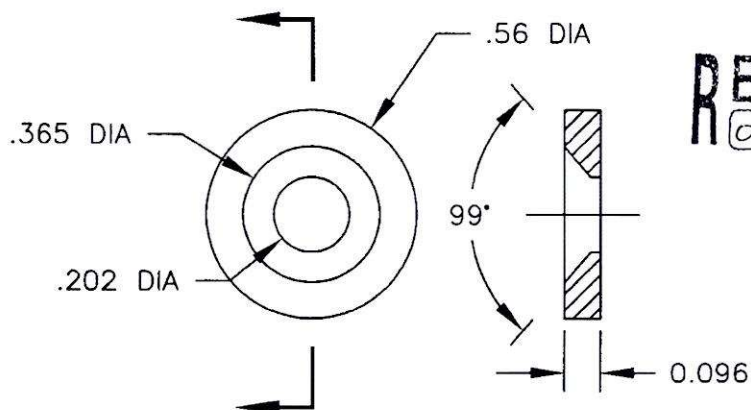
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6900ZZ	50	0	0

Part Specifications
Specifications could not be found.

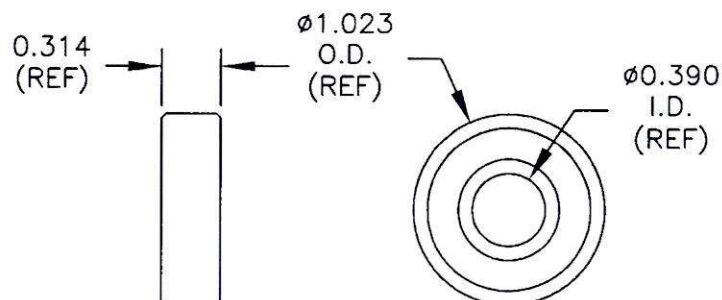
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DART

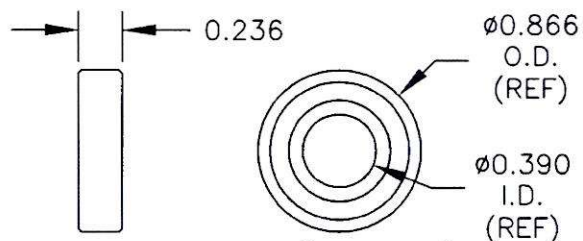
DESIGN #	DRAWN BY LE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3121	REV. E SHEET 10 OF 10
DATE 07.11.07		TITLE BRACKET ASSEMBLY	SCALE 1:1

**D3121-17 WASHER (SCALE 2:1)**

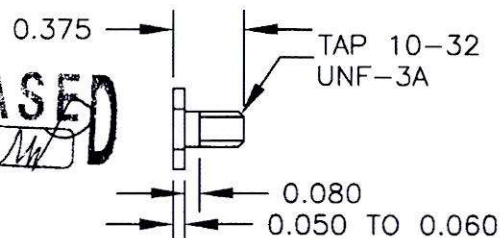
- 1) REPLACES PREMIER P/N B32-23001-17
- 2) MATERIAL: AISI 303 SS ROUND BAR, ANNEALED (REF DART SPEC. M303R)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015

**D3121-19 BEARING (SCALE 1:1)**

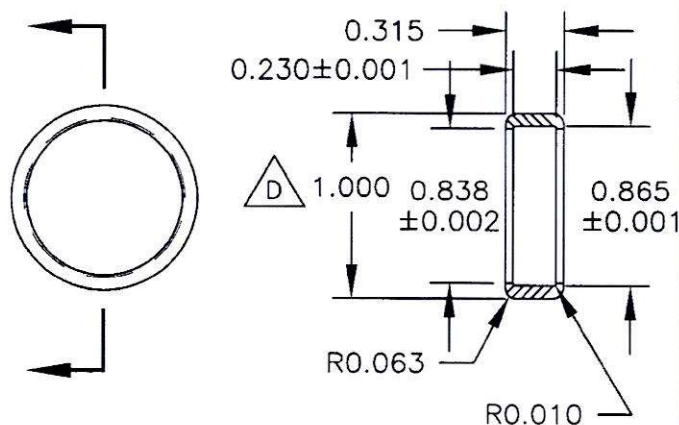
- 1) POSSIBLE SUPPLIER: KING BEARING P/N 6000-2ZJ/EM FAFNIR P/N 9100KDD
- 2) ALL DIMENSIONS ARE IN INCHES

**D3121-23 BEARING (SCALE 1:1)**

- 1) POSSIBLE SUPPLIER: SKF P/N 61900-2Z OR KML P/N 6900-ZZ
- 2) ALL DIMENSIONS ARE IN INCHES

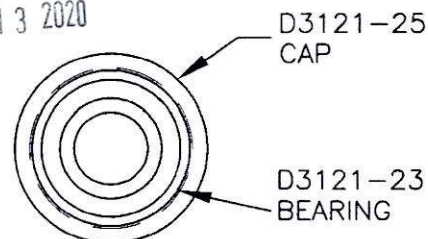
**D3121-21 BOLT (SCALE 1:1)**

- 1) MATERIAL: AISI 303 SS HEX, ANNEALED (REF DART SPEC. M303H0.500)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015

**D3121-25 CAP (SCALE 1:1)**

- 1) MATERIAL: DELRIN ROD, Ø1.25 (REF DART SPEC. M-DELRIN-R1.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 215463

**D3121-241 BEARING ASSEMBLY (SCALE 1:1)**

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB047645



Supplier: MAI001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

Attention: Bourgon, Rachelle

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047645

PO Date: 11/16/20

Due Date: 11/20/20

Purchase Order

Revision:

Revision Date:

Issued By: Lussier, Patrick
Phone: 613-632-5200 Ext: 276
plussier@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	215463	6900ZZ		69002ZKML	Bearing D3121-23 : AS PER DWG D3121 REV.E	Firmed - XSO		11/20/20	50 pcs	0 pcs	50 pcs	\$1.72/pcs	\$86.00
2	215476	PFS- LNSCC14P		13-14CSLN	Locknut D3014-1 : AS PER DWG D3014 REV. A	Firmed - X12		11/20/20	12 Ea	0 Ea	12 Ea	\$0.06/Ea	\$0.72
Grand Total:													\$86.72

DAS
40
9-89

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

Plex 11/16/20 4:07 PM dart.lussier.patrick



5586 Ambler Drive
Mississauga, ON L4W 2K9
Tel: (905)629-4255
Fax: (905)629-2358
info@smartsupplies.ca

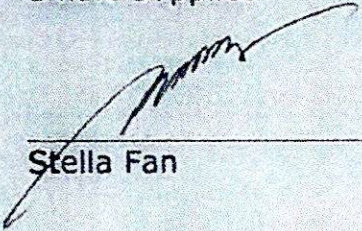
CERTIFICATE OF COMPLIANCE

RE: 6900-ZZ BEARING

To Whom It May Concern:

Our bearing rings and balls are made of high carbon chromium steel GCr15 which has a chemical composition and equivalent to SAE 52100. The hardness of bearing rings is HRC59-64 and HRC60-65 for steel balls. Unless specified, bearings are 25-30% filled with Alvania No. 2 grease or Chevron SRI#2 grease or equivalent.

Issued by:
Smart Supplies



Stella Fan

DAS
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99

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE November 17, 2020
NUMBER 0000255973
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

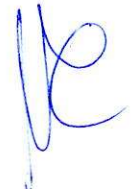
DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
HB047645	EB	16-Nov-20		0000255973
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK / LOCAL	NET 30 DAYS		
PART NUMBER	LOCATION	UOM	QUANTITY	
DESCRIPTION			REQ.	SHIPPED B.O.
13-14CSLN 1/4-20 TYPE C STOVER LOCKNUT YOUR PART #: PFS-LNSCC14P STOCK	23B0	EA	12	12 ✓
0-69002ZKML KML BALL BEARING STOCK MERCI ERIC	6D6	EA	50	50 ✓

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RECEIVED
NOV 17 2020
DART AEROSPACE LTD.